

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1. (currently amended) A wave energy harvester comprising:  
  
an at least partially submersed amplifier element, wherein the element is ~~functionally~~  
rigidly coupled to a generator such that at least a portion of vertical movement of the  
element actuates the generator;  
  
wherein the amplifier element has a shape and has a fixed angle of attack throughout a  
wave cycle of a passing wave ~~is arranged on the harvester~~ such that  
  
(a) the amplifier element is effective to translate forward velocity of water of a cresting  
wave relative to the element into an additional upward force of the entire wave energy  
harvester as compared to an upward force without the amplifier element, and such  
that  
  
(b) the amplifier element is effective to translate backward velocity of water of a wave  
approaching its trough relative to the element into an additional downward force of  
the entire wave energy harvester as compared to a downward force without the  
amplifier element; and  
  
~~wherein the amplifier element is configured such that lift generated by forward motion of~~  
~~the wave increases drag on the harvester.~~
2. (currently amended) The wave energy harvester of claim 1 wherein the shape of the  
amplifier element has a hydrofoil shape or a hull shape.
3. (original) The wave energy harvester of claim 1 wherein the amplifier element has a  
neutral buoyancy.
4. (original) The wave energy harvester of claim 1 wherein the generator comprises an  
electric generator.

5. (original) The wave energy harvester of claim 1 further comprising a structure that retains the harvester in a laterally fixed position relative to a sea floor, and that allows vertical movement of the amplifier element relative to the sea floor.
6. (currently amended) A wave energy harvester comprising a hydrofoil element that is rigidly coupled to ~~arranged on~~ the harvester to allow maintaining of a fixed angle of attack throughout a wave cycle of a passing wave such that the hydrofoil element produces a supplementary bi-directional vertical force from a horizontal motion of water of a wave relative to the harvester, wherein the bi-directional force is directed upwards as the wave approaches a peak and directed downwards as the wave approaches a trough.
7. (original) The wave energy harvester of claim 6 wherein the hydrofoil element is completely submersed.
8. (original) The wave energy harvester of claim 6 wherein the hydrofoil element is coupled to a buoyant element that is at least partially submersed.
9. (original) The wave energy harvester of claim 6 further comprising a generator that is actuated using at least part of the bi-directional force.
10. (original) The wave energy harvester of claim 6 further comprising a structure that retains the harvester in a fixed relationship to a sea floor, and that further restricts movement of the hydrofoil element to substantially vertical movement.
11. (currently amended) A floating device comprising a hydrofoil that is rigidly coupled to the device such as to allow maintaining of a fixed angle of attack throughout a wave cycle of a passing wave and that is positioned on the device to amplify and optionally reduce a buoyant force of a wave passing the device, wherein the hydrofoil is positioned such that lift generated by a forward motion of the wave increases drag on the device in direction of the wave travel.
12. (original) The floating device of claim 11 comprising a frame to which the hydrofoil is coupled and that is configured to allow change of a pitch angle of the hydrofoil relative to

a plane normal to a direction of the wave to thereby effect at least one of reduction and amplification of the buoyant force.

13. (original) The floating device of claim 11 further comprising a structure that retains the device in a fixed relationship to a sea floor, and that further restricts movement of the hydrofoil to substantially vertical movement.
14. (original) The floating device of claim 13 further comprising a generator that is actuated at least in part by the substantially vertical movement.
15. (currently amended) A wave energy harvester comprising a neutral buoyancy body rigidly coupled to an amplifier element to allow maintaining of a fixed angle of attack throughout a wave cycle of a passing wave, wherein the amplified element ~~that is~~ arranged such that the element and the body are ~~are~~ <sup>[[is]]</sup> additionally raised by forward water motion of a cresting wave moving past the harvester as compared to a harvester without the amplified element, ~~and wherein the amplifier element is configured such that lift generated by the forward water motion of the wave increases drag on the harvester.~~
16. (original) The wave energy harvester of claim 15 wherein the amplifier element comprises a hydrofoil.
17. (original) The wave energy harvester of claim 15 wherein the energy is extracted using a turbine that is coupled to the neutral buoyancy body.
18. (previously presented) The wave energy harvester of claim 15 wherein the entire wave energy harvester has neutral buoyancy during normal operation and is configured such that the harvester becomes submerged when a storm churns a water surface to thereby reduce density of the surface.
- 19-21. (canceled)